

NCDOT Prioritization 3.0 Project Summary

Status: Submitted **SPOT ID:** H090845 Mode: Highway

NC-226

From/Cross Street: US 221 Specific Improvement Type: 16 - Modernize Roadway

To: SR 1563 **Project Category: Regional Impact**

Length: 1.74 TIP#:

Fully Funded in Draft STIP?

Cost to NCDOT: \$7,068,000

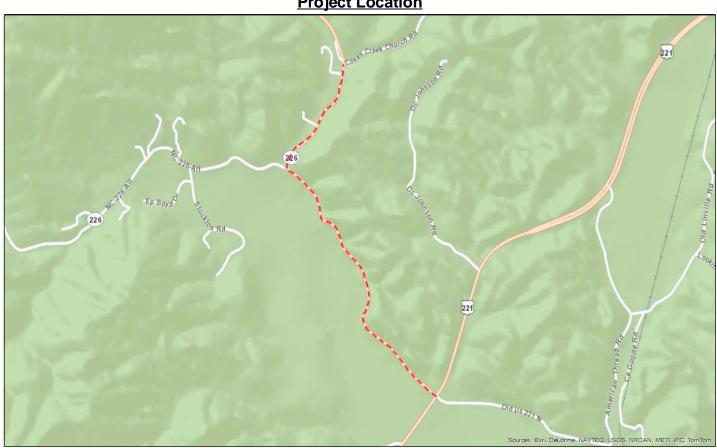
Description:

Improve Alignment and Resurface NC 226 Between US 221 to SR 1563

Division(s): Division 13 County(s): MCDOWELL

MPOS(s)/RPO(s): Isothermal RPO

Project Location



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Statewide	Mobility	Total	Score:	0
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Quanitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 0

Quanitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) [Travel Time] Benefit/Cost (25%) Congestion (V/C) (25%) Safety (10%) Totals: Weight: 70% Weighted Score	21.83 0.00 24.91 19.91	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Score	24.91 19.91 0.00	Percent: 25% Points:	Percent: 25% Points:

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 52 1.74 Length (miles); Facility Type: Two Lane Highway None Access Control: Functional Classification: Major Collector Terrain Type: Mountainous Lane Width: 11 Paved Shoulder Width: 0 Roadway has Curb & Gutter? No Volume (AADT): 5831.71 Capacity: 15500.59 Volume/Capacity Ratio: 0.38 % Autos: 93% % Trucks: 7% Truck Volume: 388.8 Crash Density: 31.04 Crash Severity: 14.35 Critical Crash Rate: 14.35 Crash Frequency: 0 0 Severity Index: County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 28 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 87 0 **Actual Congested Speed:** Travel Time Index: 0

Project Benefits

Project Cross-Section:	
Speed Limit:	52
Length (miles):	1.74
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Isothermal RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$7,068,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,068,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,068,000	

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